

FIG.1

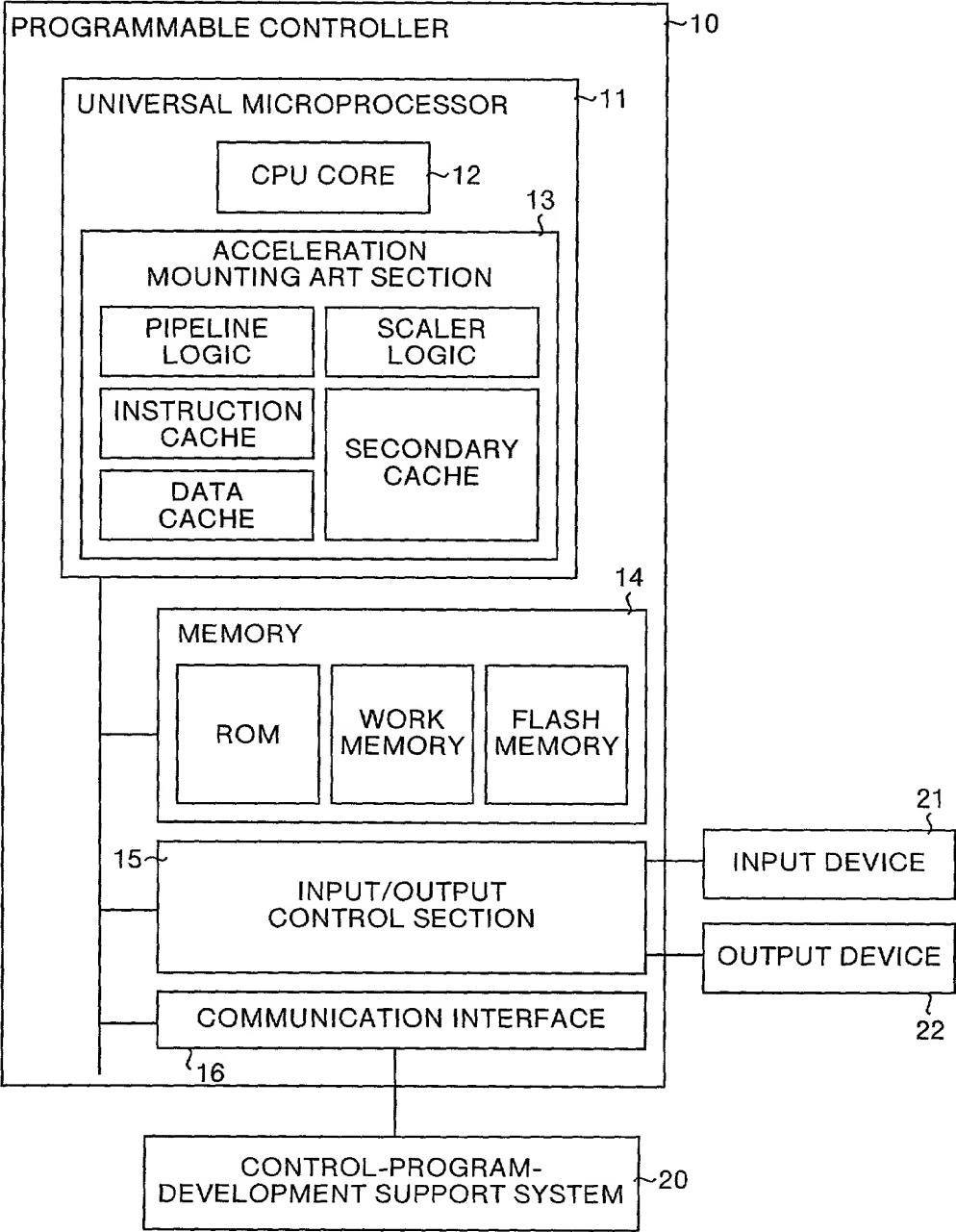


FIG.2



FIG.3

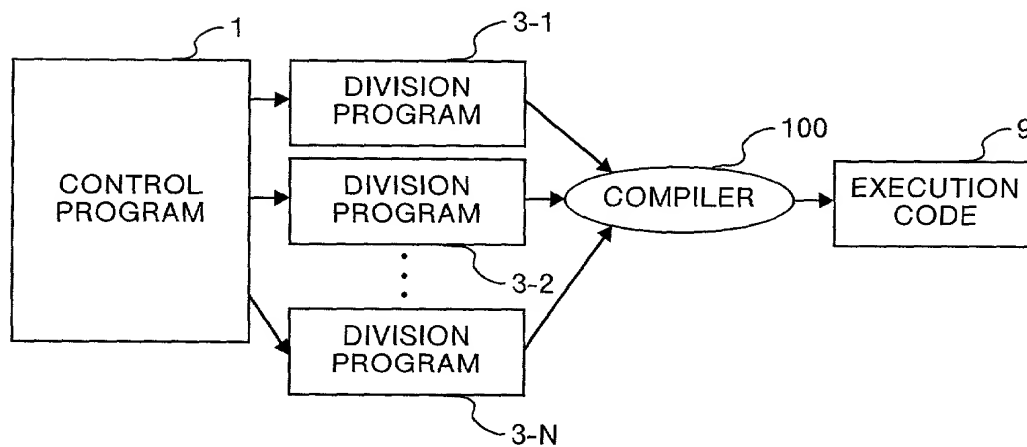


FIG.4

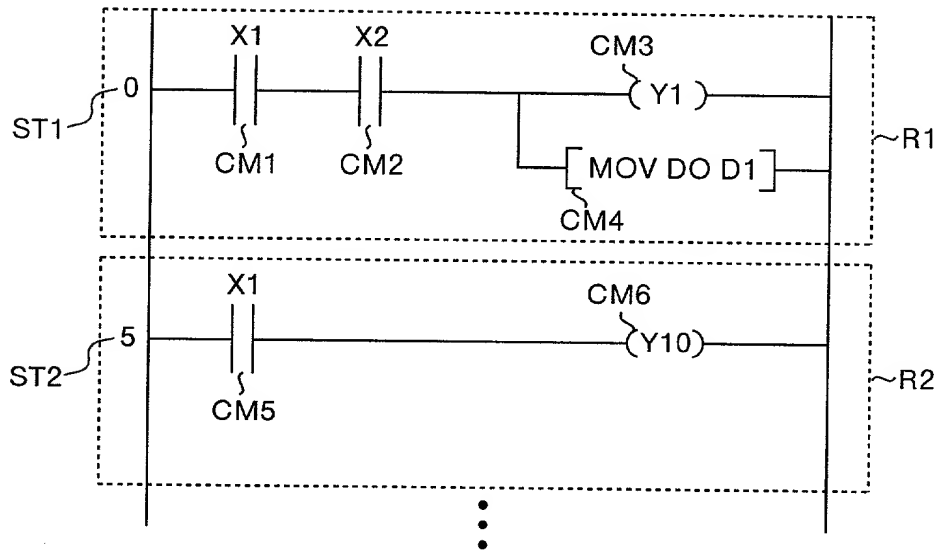


FIG.5

NUMBER OF STEPS	FILE NAME AFTER DIVISION
0~99	Control1.il
100~199	Control2.il
•	•
•	•
•	•

FIG.6

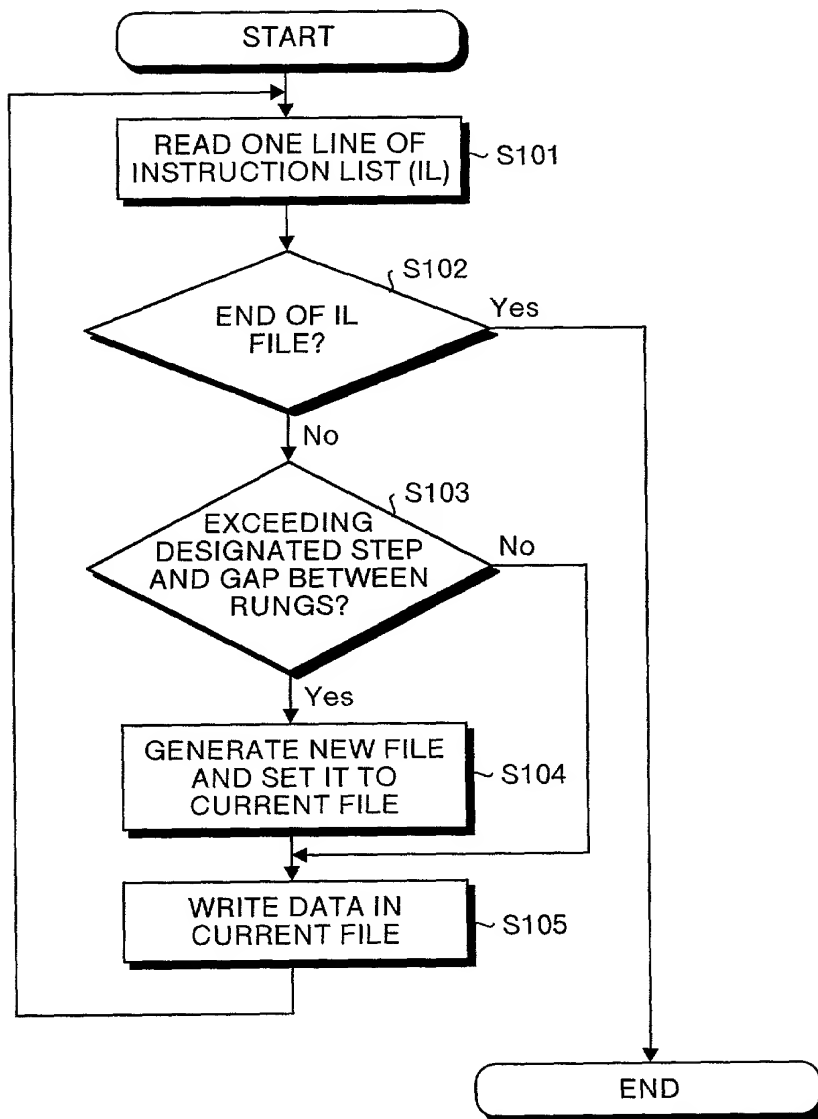


FIG.7

JUMP- DESTINATION LABEL NAME	FILE NAME AFTER DIVISION
P 1	Control1.il
P 2	Control2.il
• • •	• • •

FIG.8

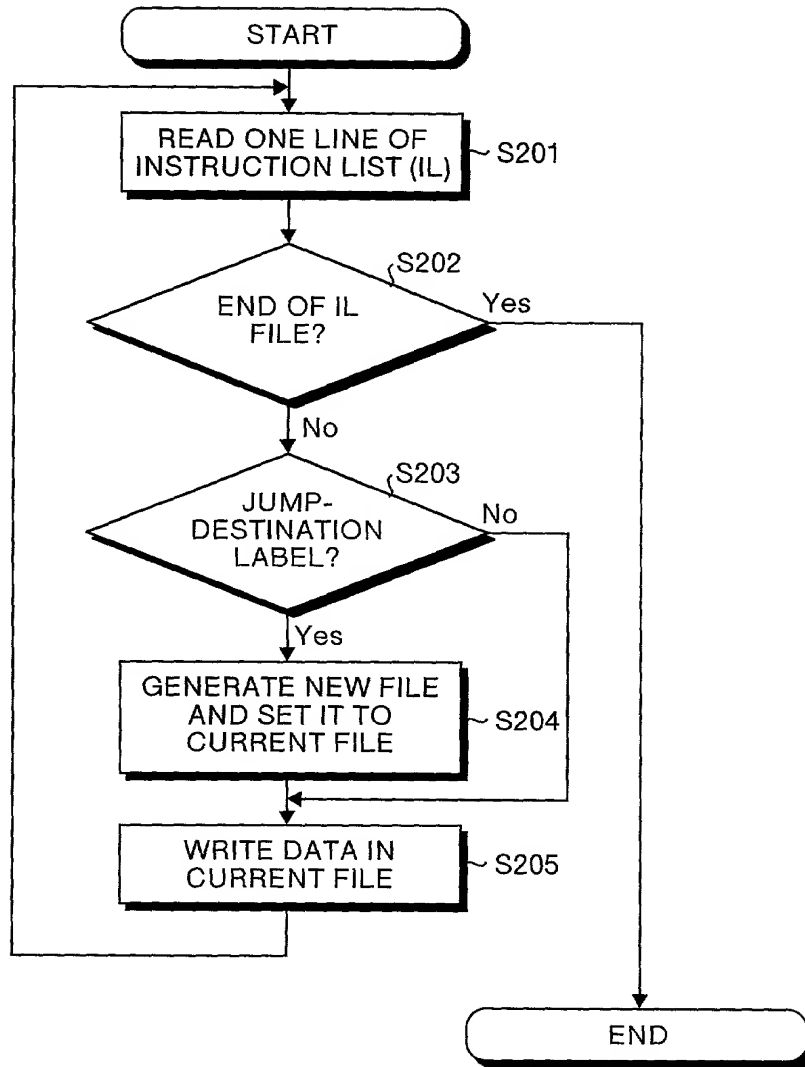


FIG.9

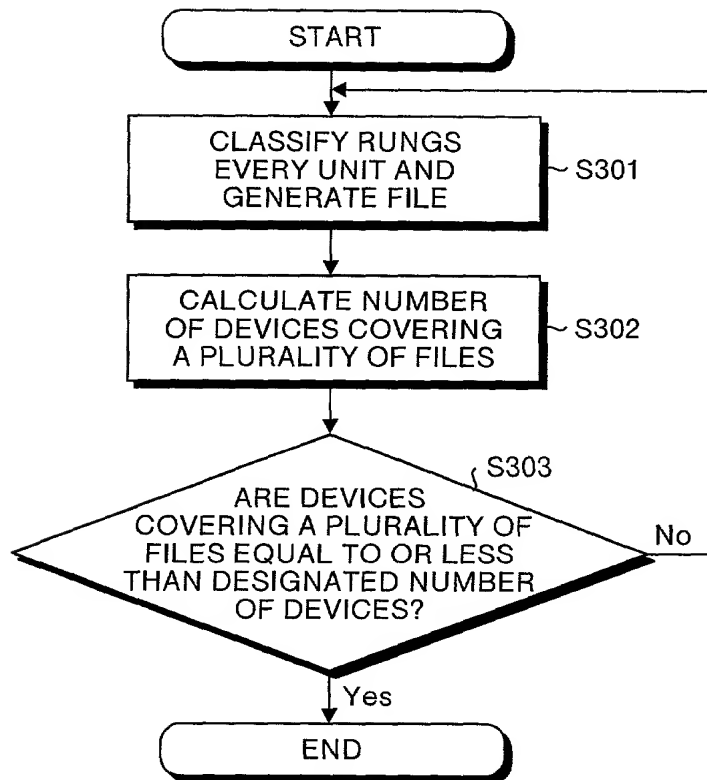


FIG.10

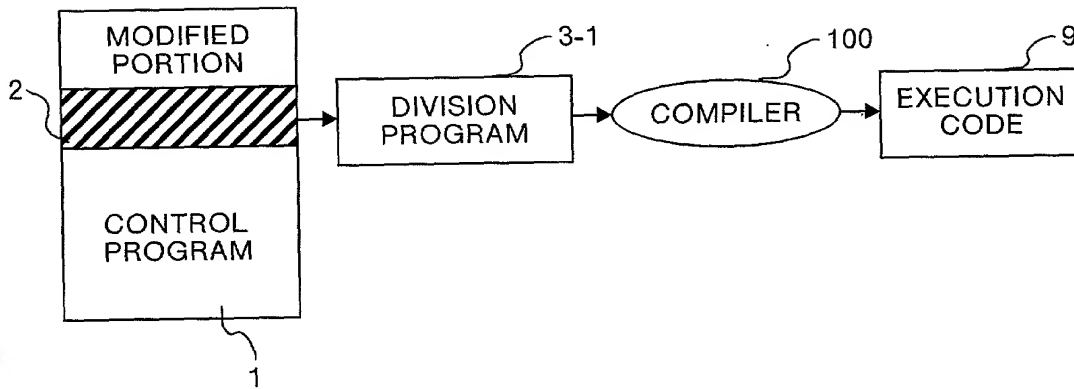


FIG.11

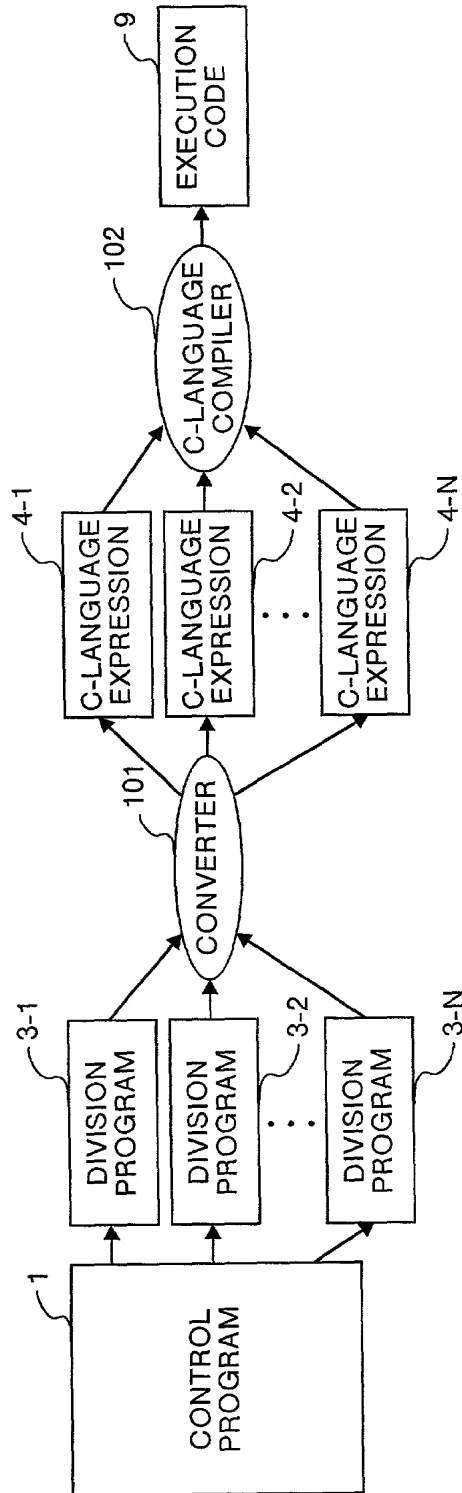


FIG.12

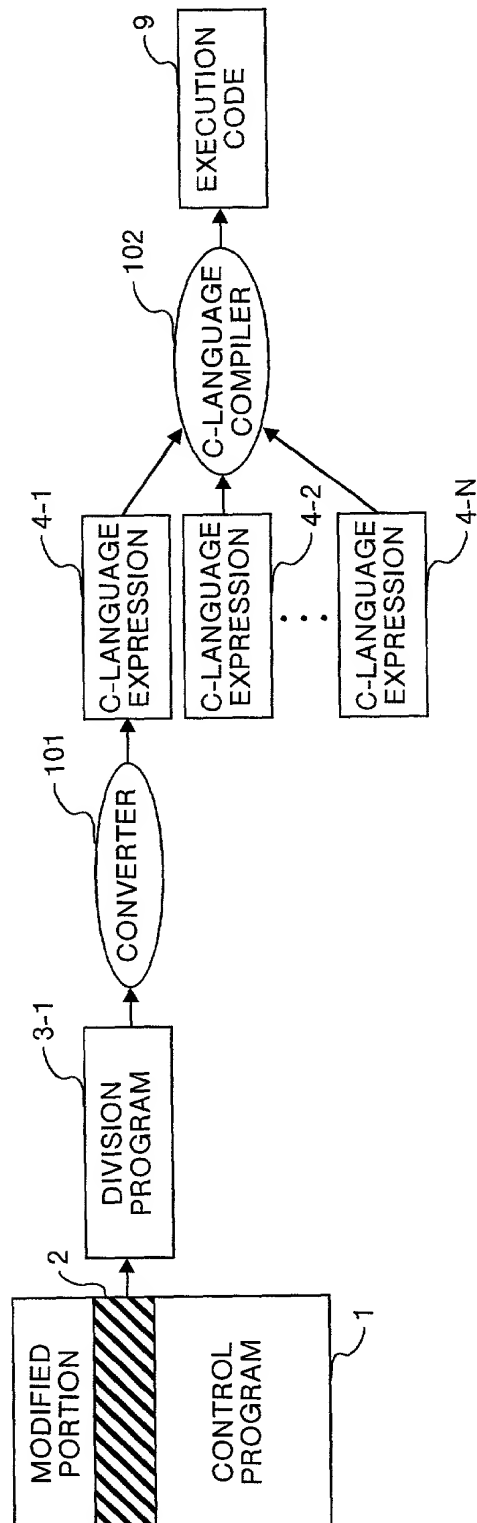


FIG.13

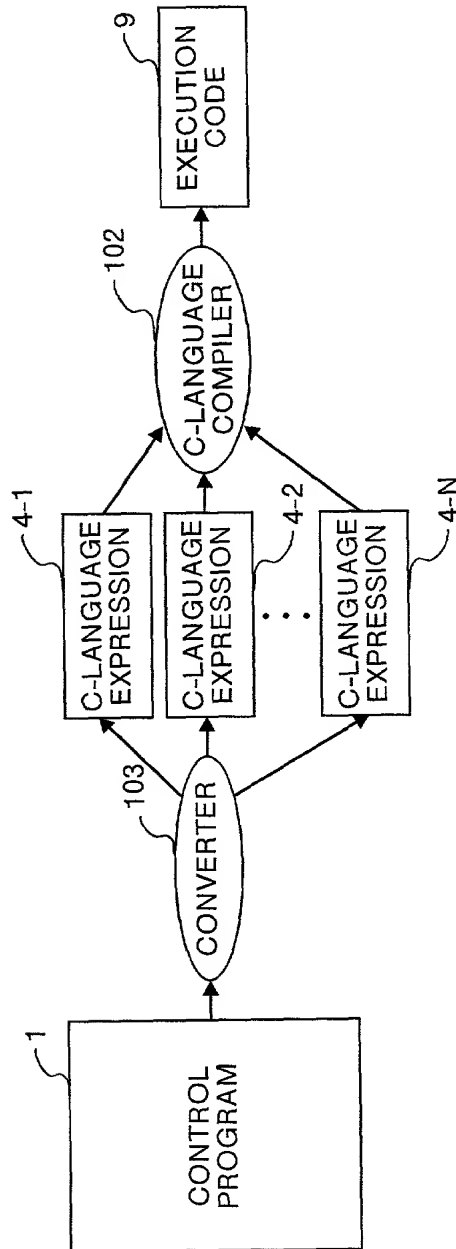


FIG.14

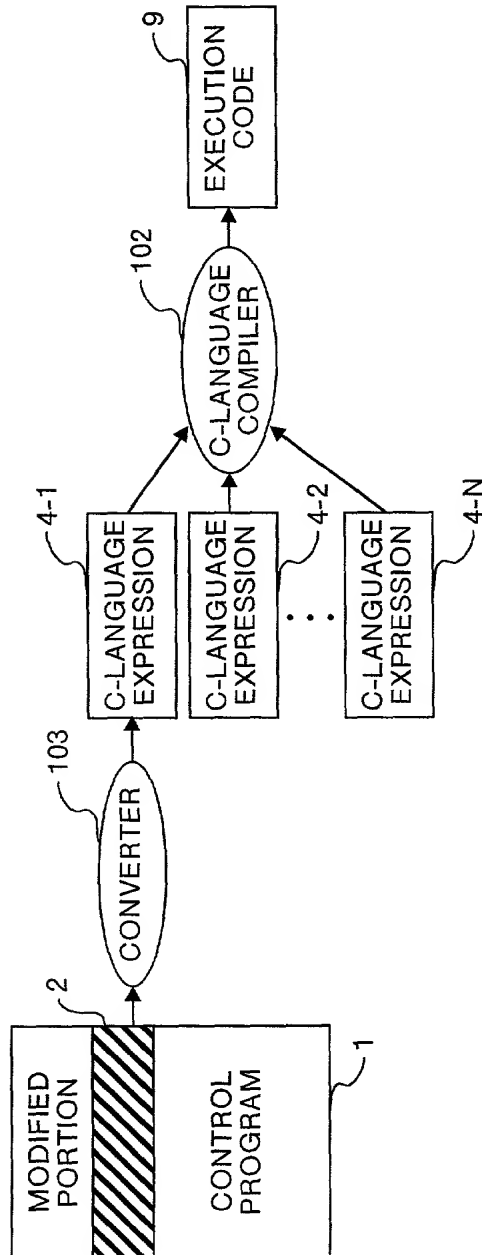


FIG.15

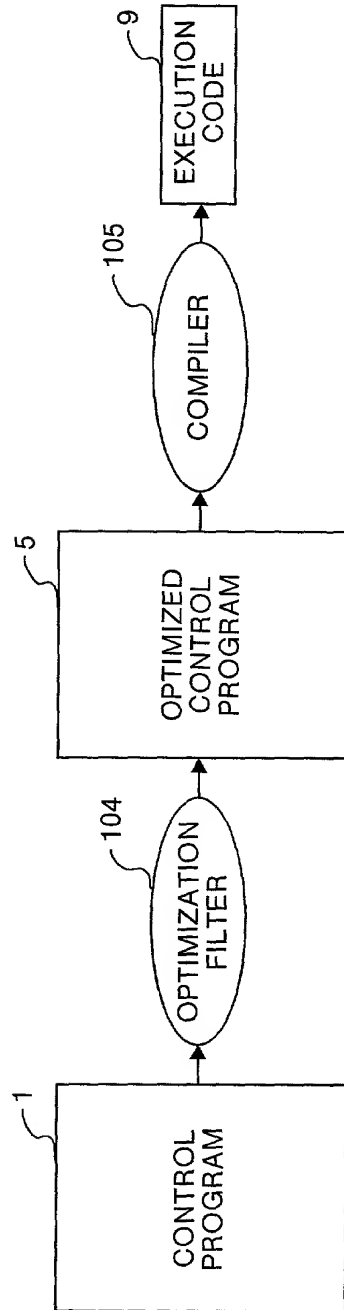


FIG.16

INSTRUCTION	SIZE (NUMBER OF STEPS)	PROCESSING TIME (msec)
LD,OUT	1K	XX
LD,AND,OUT	1K	YY
:	:	:
LDI,AND,OUT	10K	ZZ
:	:	:

FIG.17

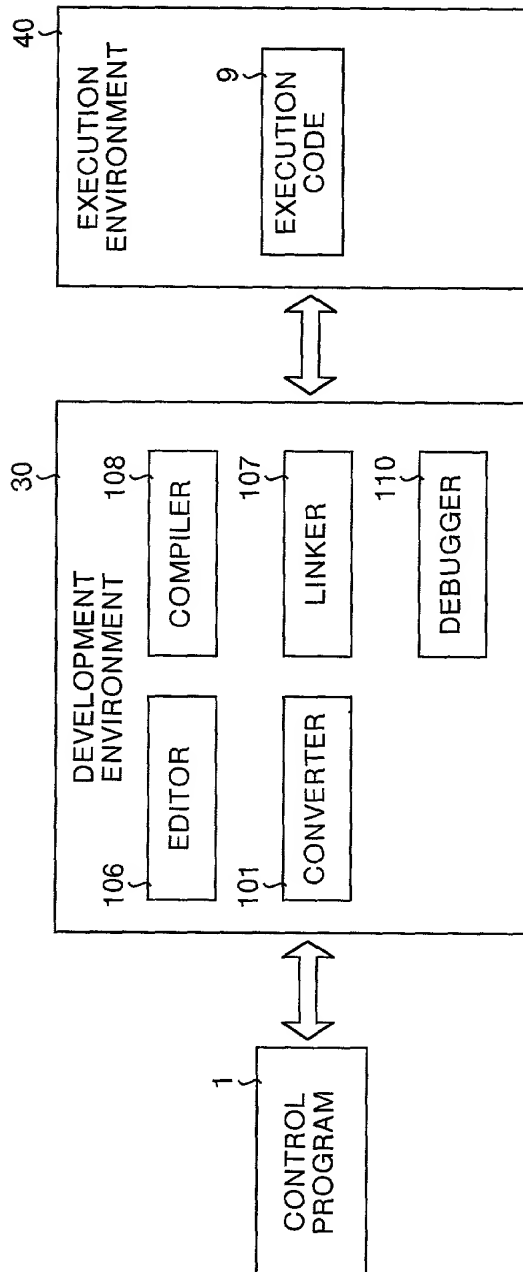


FIG.18

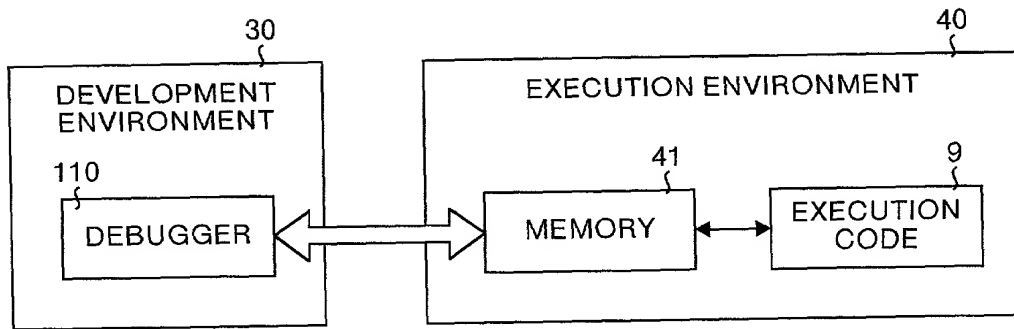


FIG.19

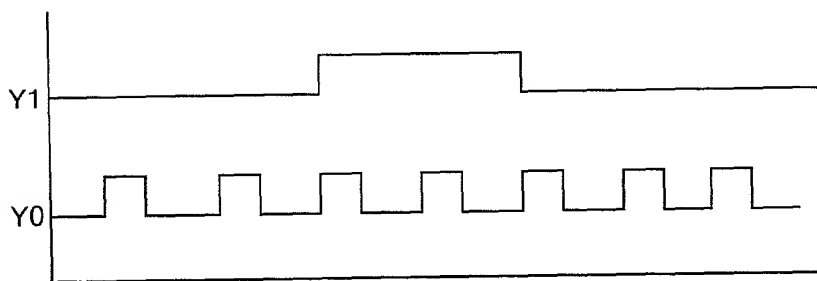


FIG.20

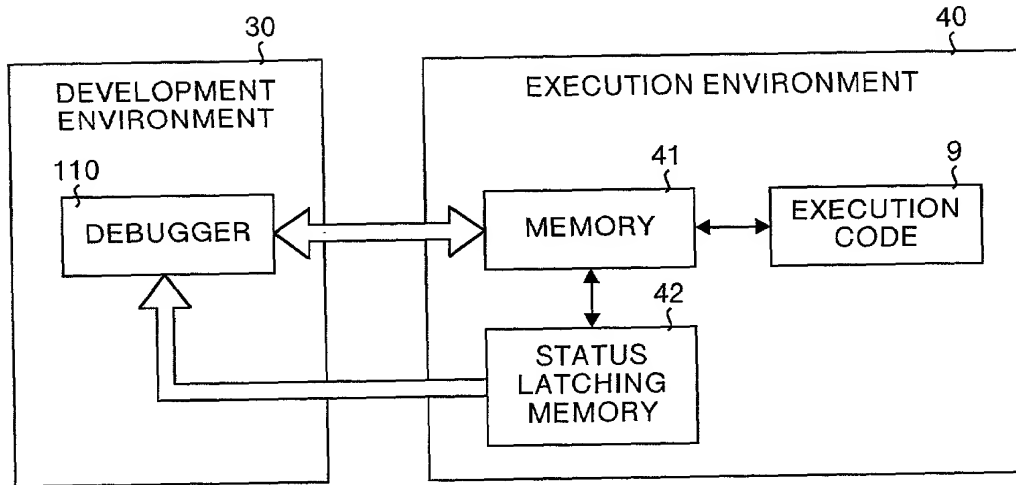


FIG.21

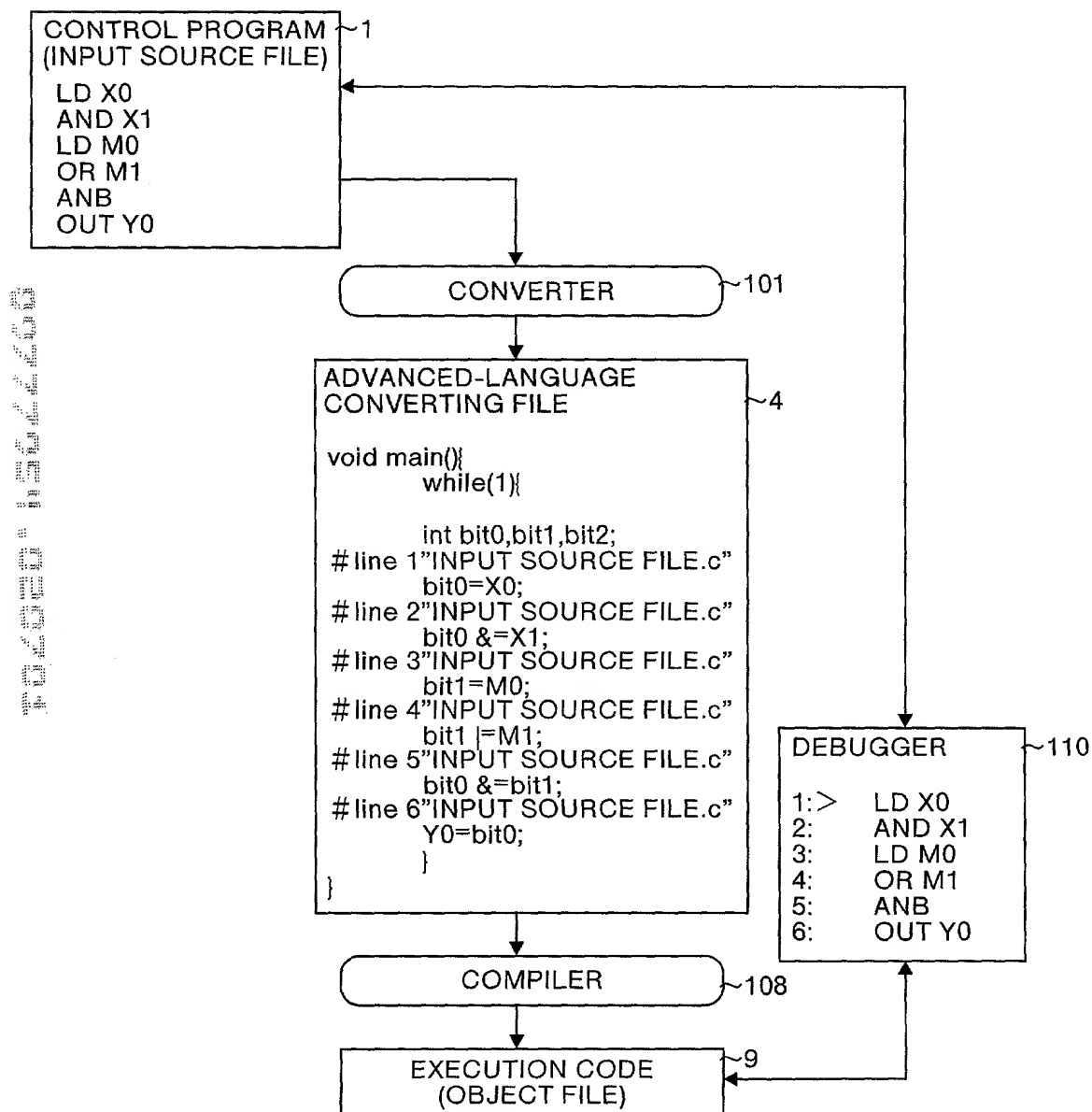


FIG.22A

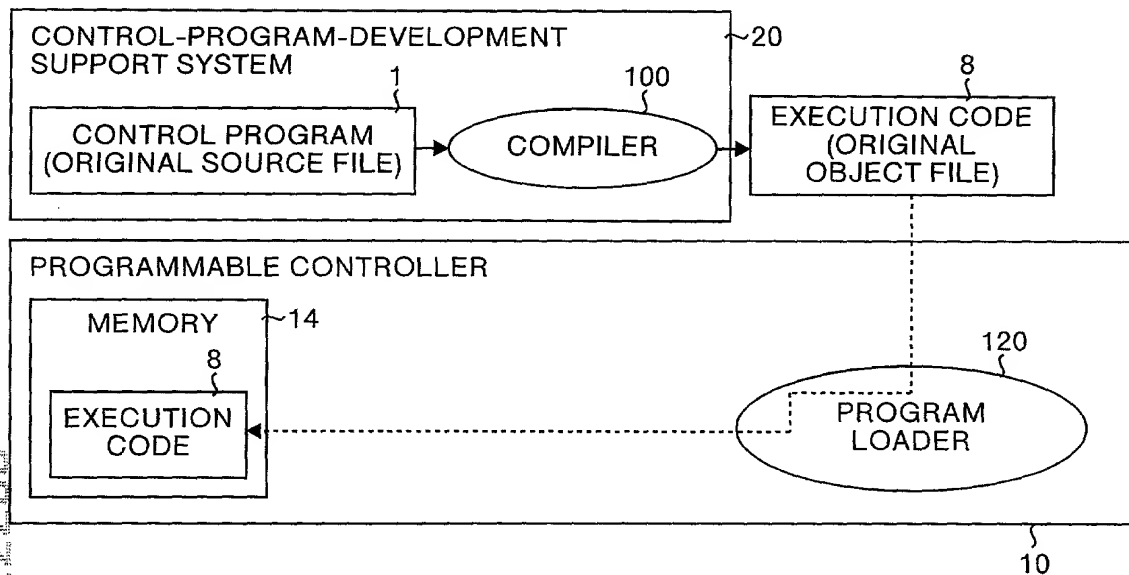


FIG.22B

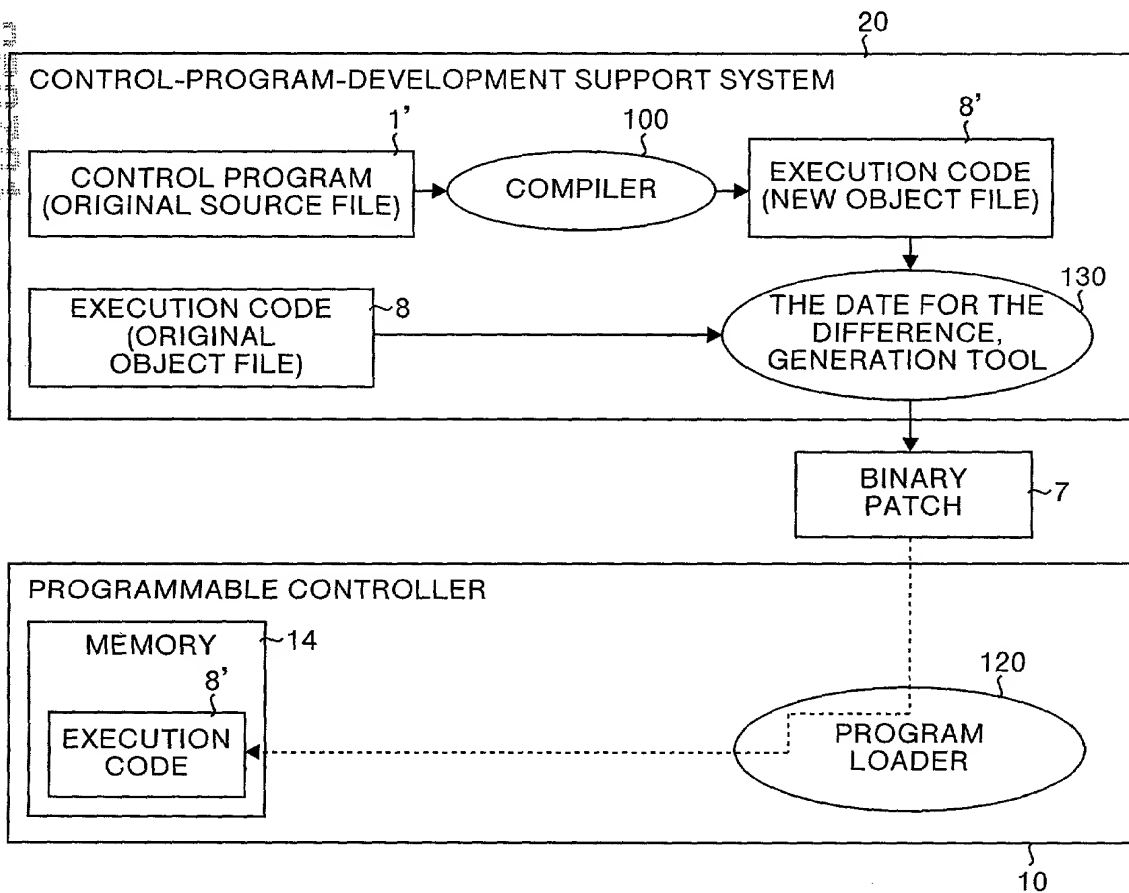


FIG.23

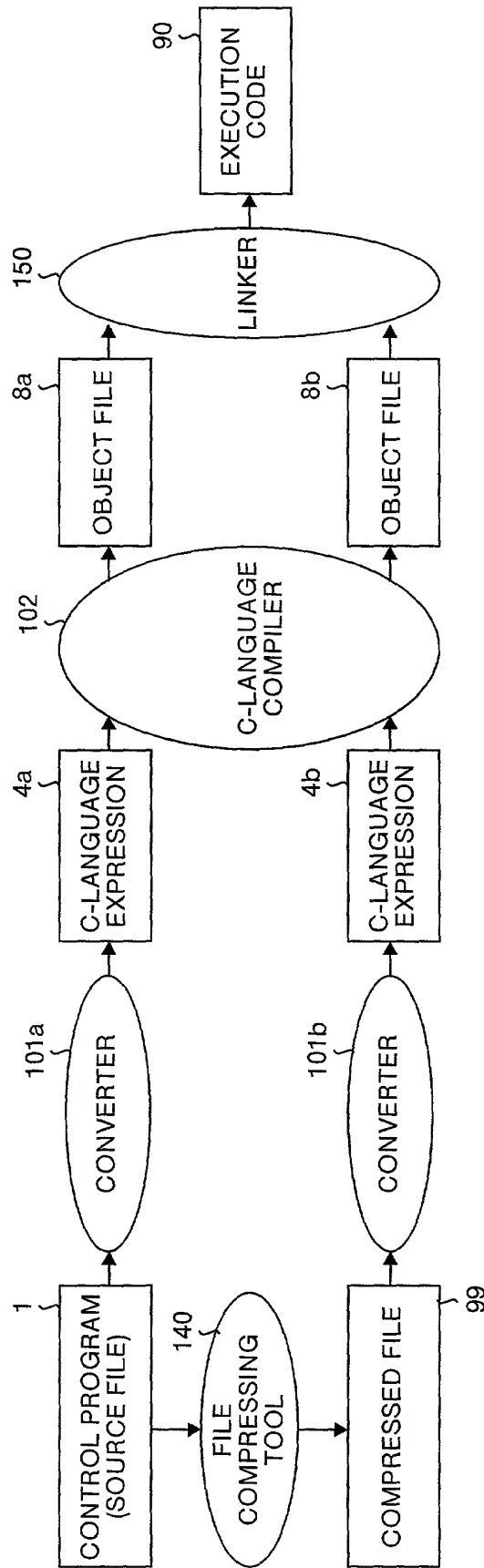


FIG.24

SOURCE FILE

```
LD      X0
OR       X2
LD      X1
OR       X3
ANB
LD      X4
AND      X5
ORB
OUT      M0
LD      X1C
MPS
AND      M8
OUT      Y30
MPP
OUT      Y31
LD      X1D
MPS
AND      M9
MPS
AND      M68
OUT      Y32
MPP
AND      T0
OUT      Y33
MPP
OUT      Y34
```

FIG.25

C-LANGUAGE EXPRESSION OF COMPRESSED FILE

```
signed char* _InputSourceName="sample.il.gz";

unsigned char _InputSource[]={
    0x1f,0x8b,0x08,0x08,0x9b,0xd9,0x84,0x39,0x00,0x03,0x73,0x61,0x6d,0x70,0x6c,0x65,
    0x2e,0x69,0x6c,0x00,0xf3,0x71,0xe1,0x8c,0x30,0xe0,0xe5,0xf2,0x0f,0xe2,0x8c,0x30,
    0xe2,0xe5,0xf2,0x01,0xf2,0x0c,0x21,0x3c,0x63,0x5e,0x2e,0x47,0x8f,0x27,0x88,0x90,
    0x09,0x88,0x0d,0xa4,0x4d,0x41,0x52,0x40,0x31,0xff,0xd0,0x10,0x4e,0x5f,0x03,0xa8,
    0x72,0x67,0x5e,0x2e,0xdf,0x80,0x60,0x88,0x0a,0x5f,0x0b,0x88,0x64,0xa4,0xb1,0x01,
    0x48,0x34,0x00,0xc6,0x33,0x84,0xaa,0x75,0x41,0x56,0x6b,0x89,0xcc,0x31,0x83,0xeb,
    0x34,0x82,0xea,0x04,0x09,0x87,0x18,0xc0,0x44,0x8d,0x51,0xcc,0x03,0x3a,0x08,0x00,
    0x10,0xeb,0x7d,0x3a,0xb9,0x00,0x00,0x00};
```

FIG.26

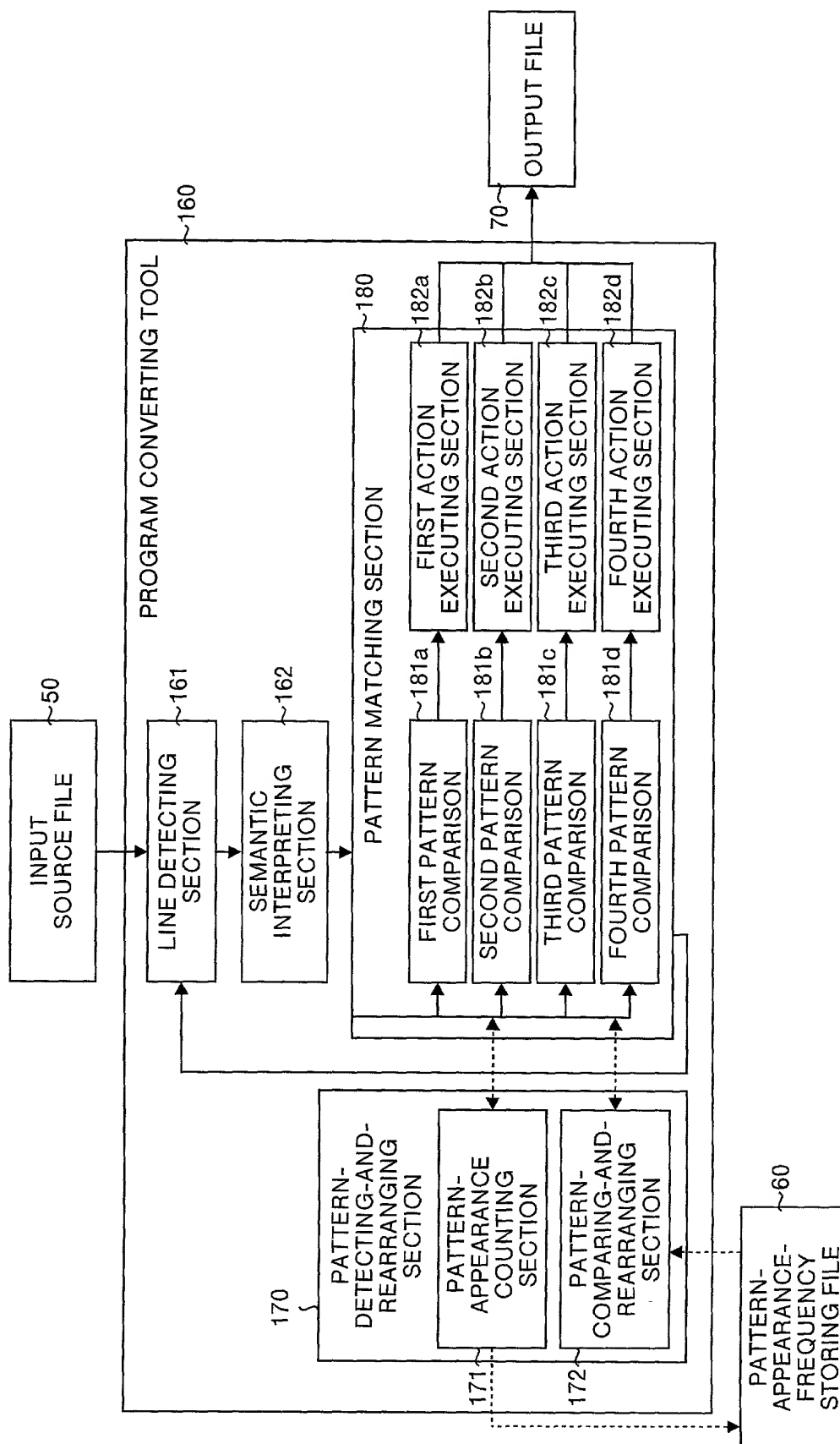


FIG.27

